

# Memorandum

To: Jim C ~~X~~ we have (3)  
Bob J ~~X~~ made copies

EC

Date : March 16, 1981

Bob Reid

Subject: Application for  
Class II Primacy

From : Department of Conservation—  
Division of Oil and Gas

RECEIVED

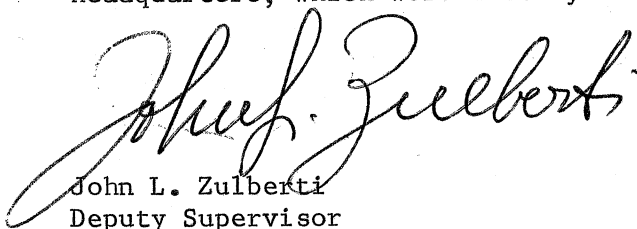
MAR 18 1981

Place: Santa Maria

DIVISION OF OIL & GAS  
SACRAMENTO

Enclosed is the material requested in your letters of February 11, and March 10, 1981.

Please note that no systematic records are available for the early years. If there were problems, the documentation would be buried in the files. There may have been reference to them in the monthly news letters to headquarters, which were destroyed under the paperwork management program.

  
John L. Zulberti  
Deputy Supervisor

JLZ:mjn  
Encl.

# SUPPORTING DATA FOR EPS UIC PROGRAM CLASS II PRIMACY APPLICATION

## 1. Compliance and well-failure information for 1980.

### a. Deficiencies:

<u>Operator</u>	<u>Well designation and No.</u>	<u>Type</u>
Sun Oil Company	"Dominion" 45-23	Pressure limitation
Union Oil Co. of Calif.	"Bell" 20	Fluid confinement
Texaco Inc.	"Cantin" WD-3	Pressure limitation
Chevron U.S.A. Inc.	"Alexander" 58-16	Interference
Chevron U.S.A. Inc.	"Alexander" 62	Interference
Mobil Oil Corporation	"White" 32W-21	Interference
Mobil Oil Corporation	Six wells in Sec.35	Pressure limitation

### b. Violations:

Richards Oil Company	"Wickenden" 6	Supporting data
Mobil Oil Corporation	"Ferrini" 503-11	Well survey
Mobil Oil Corporation	"Rosenberg" 828X-35	Well survey
Union Oil Co. of Calif.	"Pinal" 21	Well survey
Union Oil Co. of Calif.	"Pinal" 27	Well survey
Union Oil Co. of Calif.	"Squires" 24	Well survey
SM Hydrocarbons	"Los Flores" 9	Well survey

### c. Number of mechanical-integrity failures:

None

## 2. Cases of possible degradation of freshwater since 1940.

### a. Verification of listed wells:

<u>Field</u>	<u>Operator &amp; Well designation</u>	<u>Year Discovered</u>	<u>Cause</u>
*Casmalia	Chevron U.S.A. Inc. "Casmalia Fee" 8	1974	Excessive injection pressure
Cat Canyon	Occidental Petroleum Corp.	1973	Poor cement seal
East Area	"Williams B" 2		No injection
SM Valley	Argo Petroleum Corp. "Union Sugar" 1	1973	Never approved Possible interference

\*No fresh water in this area.

### b. Cases not listed:

<u>Field</u>	<u>Operator &amp; Well designation</u>	<u>Year Discovered</u>	<u>Cause</u>
San Ardo	Mobil Oil Corp.	1979	Excessive injection pressure
North Area	"Rosenberg" 802X-35, 801-35, 872X-35, 872X-35, 828X-35 & 803X-35		
Cat Canyon	Mobil Oil Corp.	1977	Casing failure
West Area	"Los Flores A" 3-21		
San Ardo	Mobil Oil Corp.	1977	Casing failure
North Area	"Rosenberg" 803X-35		

### c. Time lapse between discovery and correction if over one year for each case in 2a and 2b.

None

Field	a. Formation & Zone	b. Lateral Limits	Depth to Top (feet subsea)	c. Thickness (feet)	Remarks
Guadalupe	Knoxville	Extends throughout the field	-4,100	750	This formation is basement and is of regional extent.
Lompoc	Lospe	Extends throughout the field	-2,700	150	This formation is just above basement; might be of regional extent.
	Knoxville	Extends throughout the field	-1,500	250	This formation is basement and is of regional extent.
Russell Ranch	Branch Canyon	Extends over the southern 2/3 of the field	+ 100	400	
San Ardo	Santa Margarita	Extends throughout the field	- 900	100	There appears to be a permeability barrier between north and south portions of field.
	"D" (Monterey)	Extends throughout the field	-1,200	30	
	"E" (Monterey)	Extends throughout the field	-1,300	100	
Santa Maria Valley	Lospe-Franciscan	T.10N., R.33W., S.B.BM Secs. 19, 20, 21, 28, 29, 30, 32 & 33	-1,800	800	These formations are basement and are of regional extent.
Monroe Swell	Santa Margarita	Extends throughout the field	- 800	150	
Point Conception	Camino Cielo	Extends throughout the field	-4,500	450	Formerly Matilija
Guadalupe	Franciscan	Extends throughout the field	-5,700	1,000	This formation is basement and is of regional extent.